

STANDARD SPECIFICATIONS

>CNC DRILLING & TAPPING M/C TOYOSK TSMT30<

FEATURES	
Spindle r.p.m.	15,000 min ⁻¹ (2S)
Tool Change Time	1 sec. (TOOL to TOOL)
Floor Space-saving	1,220 X 1,810 mm
SPECIFICATION OF MACHINE	
TRAVEL	
X (Table Longitudinal)	300 mm
Y (Table Cross)	300 mm
Z (Head Vertical)	300 mm
Distance from Table Surface to Spindle Nose	250 ~ 550 mm
TABLE	
Working Area	500 X 320 mm
Max. Workload	150 Kg
T-Slot	11 mm (3 slots)
SPINDLE	
Spindle r.p.m.	30 ~ 15,000 min ⁻¹
Spindle Taper Hole	7 / 24 Taper No. 30
RAPID TRAVERSE	
X / Y / Z Axes	20 m / min
TAPPING SPEED	
Max. Speed	3,600 mm / min ⁻¹
ATC	
Type of Tool Holder	MAS BT30
Type of Pull Stud	MAS P30T-2
Tool Storage Capacity	10 Tools
Max. Tool Length	160 mm (Ø 50mm)
Max. Tool Weight	3 Kg
Method of Tool Selection	Random Automatic Closest Path
Tool Change Time	1 Sec. (TOOL to TOOL)
MOTOR	
Spindle Motor	2.2 / 3.7 kW
X / Y Feed	0.8 kW
Z Feed	0.9 kW
POWER SOURCE	
Electric Power Source	AC200 / 220 V± 10% 50 / 60 Hz
Compressed Air Requirement	4 ~ 8 Kg/cm ²
ACCURACY	
Positioning Accuracy	± 0.005 mm (JIS)
Repeatability	± 0.002 mm (JIS)
MACHINE WEIGHT	
Approx	2,000 Kg

MACHINING CAPACITY					
		MATERIAL			
CONDITIONS	Unit	DRILLING (HSS)		TAPPING (HSS)	
		S 45 C	ADC	S 45 C	ADC
Tool	'mm	A 16	A 20	M12 X 1.75	M14 X 2
Spindle rpm	'min	400	800	260	400
Cutting Speed	'm/min	20	50	10	18
Feed Rate	'mm/min	80	240	455	800